



True Stories. Real Results.

BNSF Saves Train with WeatherData Flood Warning



We're the Best Because You Need Us to Be.

We do whatever it takes to deliver accuracy and speed every time because we know the stakes are high:

- Your employees' safety.
- Your bottom line.
- Your commitment to your customers.

Just ask some of our clients.

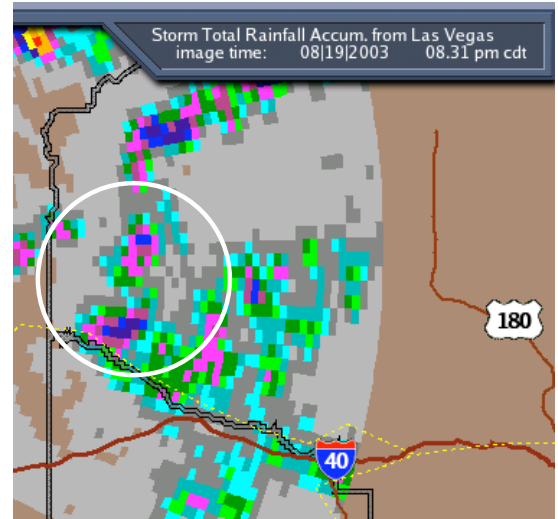
- DaimlerChrysler
- General Motors
- Burlington Northern Santa Fe
- Boeing
- Toyota

"WeatherData issued an accurate tornado warning for one of our facilities when no one else had anything on it. We are very grateful to have that quality of service."
 Bob Schmidt
 Manager of Building Services
 Wichita Clinic

The Story

On August 19, 2003 heavy rain brought flash flooding to Yampai, AZ, affecting WeatherData SkyGuard® client Burlington Northern Santa Fe (BNSF) Railroad's track passing through town. BNSF was protected by WeatherData's custom, track-specific, high impact flash flood warnings. WeatherData was the **only source** of a warning for this flood event.

- 7:19 pm MDT: WeatherData issues a flash flood warning for BNSF track including Yampai.
- 7:30 pm (approximate): BNSF track inspectors discover a track washout (missing track) due to the flood waters. An approaching train is stopped; therefore, saved from potential catastrophe.
- While a severe thunderstorm warning was issued, the National Weather Service (NWS) never issued a flood warning of any kind for this event.



WeatherData's SmartRAD® Weather Information Display: Radar estimated rainfall is above. Purple indicates 2-3 inches of rain; blue indicates 3-4 inches. The BNSF track is dashed yellow. The warned area is circled.

Results

- BNSF had **proactive notification** of flooding. BNSF would not have received warning from the NWS or a warning system based on NWS warnings.
- BNSF could take necessary precautions to **protect lives and property** from the flooding. Property costs can reach \$1 million if a train derails due to flooding or any other reason. Due to weather-related savings, BNSF reports a 35:1 ROI on the WeatherData risk management solution.
- WeatherData meteorologists have the **experience** and **talent** to protect clients with accurate warnings based on proactive forecasts.

The SkyGuard® Promise

We will provide our clients with **timely, site-specific warnings** based on their **unique business operational needs**. We are available to consult with our clients 24/7/365.

Our **Storm Intelligence Center**, comprised of the nation's top meteorologists, has **more than 123 years of combined experience** with severe weather. We are the leader in weather risk management because we believe in **blending human skill** and **state-of-the-art technology**.

Our team uses proven methods and techniques, strengthened by:

- Commitment to **understand business operations of our clients**.
- **22 years of saving lives** and millions of dollars for our clients.

Put our Expertise to Work for You. Don Coash, Senior Sales Consultant, dcoash@weatherdata.com